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Bromeliaceae Nicaraguenses Novae

CARL MEZ

Catopsis Bakerii Mez sp. nov.

Foliis bene acutis, in caudulam impositam desinentibus; scapi erecti vaginis foliaceis, internodia superantibus; inflorescentia paupere subdenseque 2-pinnatim panniculata; bracteis primariis quam ramuli axillares brevioribus, inferioribus flores infimos attingentibus; bracteis florigeris patentibus, quam sepala permulto brevioribus; floribus fere absque dubio dioicis; sepalis asymmetricis; stylo brevissimo.

Epiphyta, acaulis, florifera ± 0.3 m. alta. Folia ± 7 , ad 0.18 m. longa, super vaginam ± 18 mm. lata, lingulata. Inflorescentia subpauciflora, bene virens, glaberrima, ± 100 mm. longa, non nisi ♀ et fructifera cognita; ramulis suberectis vel infimis suberecto-erectis, ultra medium sterilibus, usque ad 50 mm. longis; bracteis primariis suberectis, inferioribus vaginis scapalibus isomorphis; bracteis florigeris naviculari-concavis, latissime ovatis, apice rotundatis et hic brunnescenti-maculatis. Flores suberecti, ♀ vix infra 7 mm. longi; sepalis subcoriaceis, glabris, vix venosis, latere tecto in alam maximam productis. Capsula ex ovoideo breviter rostrata, ± 10 mm. longa, seminum lanâ pallide ferrugineâ.

Nicaragua, dept. Granada in vulcano Mombacho, arboribus sylvestribus epiphyta: C. F. Baker, no. 2460. — Fructificat Febuario.

Obs. — *Catopsi Morrenianae* Mez affinis, imprimis inflorescentiae spicis abbreviatis et bracteis sat minoribus nec non habitu diversa.

Tillandsia (§ *Platystachys*) **orthorhachis** Mez et

C. F. Bak. sp. nov.

Foliis utrinque lepidibus pallidis adpressis obtectis praesertim subtus cinerascentibus, persensim acutis; inflorescentia paupere panniculata e spicis ± 6 laxiusculis, pinnatis composita; bracteis florigeris stricte erectis, haud vel vix imbricatis, axes omnino rectos haud obtegentibus, dorso glabris et manifeste venoso-lineatis, apice acutiusculis, sepala longe superantibus; floribus stricte erectis; sepalis subaequaliter liberis.

Acaulis, florifera metralis. Folia utriculatim rosulata, basi in vaginas magnas, ovaes, dense lepidibus inferioribus immersis, centro late brunneis margine pallidis consitas dilatata, ± 0.35 m. longa, super vaginas ad 25 mm. lata, inde in apicem eleganter recurvum,

crasse subuliformem persensim angustata elongatissime subtriangularia, sicca rigida. Scapus folia longe superans, validus erectusque, dense vaginis inferioribus in laminas subulatas recurvas desinentibus superioribus haud laminigeris apice acutis, erectis adpressisque, internodia superantibus involutus. Inflorescentia submultiflora, laxè 2-pinnatim e spicis sat elongatis, linearibus, usque ad 140 mm. longis, basi prophylla compluria bracteiformia gerentibus composita, folia perlonge superans, ± 250 mm. longa; spicis 8–14-floris, suberecto-erectis, axibus nullo modo undulatis vel geniculatis, valde angulatis, glabris; bracteis primariis omnino vaginis superioribus scapalibus isomorphis, quam spicae permulto brevioribus, ramuli axillaris basin haud involventibus; bracteis florigeris ± 15 mm. distantibus, praeter marginem anguste membranaceum coriaceis, nullo modo carinatis, explanatis anguste ellipticis, intus glabris, ± 20 mm. longis et 7 mm. latis. Flores stricte erecti, rhachi adpressi, pedicellis brevibus (vix 3 mm.) angulatis stipitati; sepalis 12 mm. longis, anguste ellipticis, apice rotundatis, glabris, prominulo-venosis, subcoriaceis. Capsula ad 35 mm. longa, subcylindrica angulis 3 rotundatis, bene acuta.

Nicaragua, dept. Chinandega, prope Realejo, arboribus epiphyta: C. F. Baker, no. 2092.—Fructificat Januario.

Obs. — Species perinsignis, absque dubio *Tillandsiae adpressiflorae* Mez Guyanensi characteribus proxima, habitu magis ad *T. utriculatam* L. accedens, ab omnibus affinibus spicarum rhachibus rectis sat diversa.

Guzmania (§ *Euguzmania*) **Nicaraguensis** Mez et

C. F. Bak. sp. nov.

Foliis subtus densiuscule lepidibus peradpressis pallidis conspersis; inflorescentia subpauciflora, simplicissima, dense spicata, apice haud sterili; bracteis membranaceis, haud umbrino-farinosis, explanatis inferioribus late acutiusculis superioribus rotundatis, flores singulos in axillis gerentibus; sepalis ad 3 mm. connatis, nullo modo corollinis.

Epiphyta, acaulis, florifera ± 0.3 m. alta. Folia ad 10 infundibuliformi-rosulata, basi in vaginas manifestas, bene ovals, densissime lepidibus peradpressis brunneis punctulatas dilatata, ± 0.3 m. longa, medio 20 mm. lata, lingulato-linearia, apice peracuta haud pungentia, chartacea, supra saturate subtus pallide viridia. Scapus quam folia multo brevior sed manifestus, erectus, glaber, vaginis subinflatis, ex ovali acutis, erectis, internodia superantibus dense involutus celatusque. Inflorescentia vix 100 mm. longa, per anthesin subfusiformis; bracteis lucide rubris, subinflatis, venoso-

lineatis, glabris, siccis paullo nitidulis. Flores saturate flavi, per anthesin bracteas bene superantes, sessiles, 60 mm. longi, strictissime erecti; sepalis 25 mm. longis, anguste conice conniventibus, apice rotundatis, asymmetricis. Petala sepalis ad 33 mm. longiora, ut ex sicco videtur peralte in tubum inferne tenuiter cylindricum superne infundibuliformem coalita demum in lobos ellipticos, rotundatos discreta. Stamina petalis paullo breviora; filamentis alte cum petalis cohaerentibus; antheris brevibus (vix 4 mm. longis), basi sagittatis apice breviter acuminulatis, haud cohaerentibus. Ovarium subpyramidatum in stylum quam stamina multo breviorum sensim angustatum.

Nicaragua, dept. Granada, in vulcano Mombacho, magnis caespitibus arboribus sylvestribus epiphyta: C. F. Baker, no. 2477. — Floret Febuario.

Obs.—Species pulcherrima, *Guzmaniae erythrolepidi* Brongn. Antillanae proxima.

Guzmania (§ *Euguzmania*) **platysepala** Mez et

C. F. Bak. sp. nov.

Foliis subtus fere omnino glabris; inflorescentia multiflora, simplicissima, densissime spicata, apice haud sterili; bracteis tenuiter membranaceis, glabris, flores singulos in axillis gerentibus; sepalis 15 mm. longis et 8 mm. latis, basi ad 4 mm. connatis, nullo modo corollinis.

Epiphyta, acaulis, florifera ± 0.3 m. alta. Folia subpauca infundibuliformi-rosulata, basi in vaginas manifestas, ovatas, ellipticas, dense immerseque lepidibus alutaceis punctulatas dilatata, ± 0.3 m. longa, medio vix 20 mm. lata, lingulato-lineariter, apice peracuta haud pungentia, chartacea, ex sicco vinoso-rubentia. Scapus quam folia multo brevior, validissimus, erectus, glaber, dense vaginis in stirpe typica delapsis indutus. Inflorescentia non nisi fructifera cognita ± 140 mm. longa et 65 mm. diam. metiens, cylindrica, apice obtusa; bracteis fere omnino delapsis sepala certe longe superantibus. Flores suberecto-erecti, sessiles, sepalis fructiferis crasse coriaceis, castaneis, superne leviter venoso-lineatis, glabris, latissime rotundatis, fere symmetricis. Capsula crassa, subcylindrica, bene acuta, ± 35 mm. longa. — Cet. ignota.

Nicaragua, dept. Granada, in vulcano Mombacho, arboribus sylvestribus epiphyta: C. F. Baker, no. 2345. — Fructificat Febuario.

Obs.—Species praecedenti absque dubio affinis, fructifera quoque a reliquis *Eu-Guzmaniis* inflorescentiam apicem usque fertilem praebentibus sepalorum forma optime distincta.